

ANTELOPE VALLEY

JUNE 2007 UPDATE



ANTELOPE VALLEY: CONNECTING THE DOTS

photo courtesy of Prange Aerial Photography

The Antelope Valley Project continues to show progress:

- The U.S. Army Corps of Engineers will finish construction of the creek channel from "Y" to Vine streets later this year and will continue with channel excavation and retaining wall construction from Vine to "S" streets. The remaining channel work from "S" to "J" streets is projected to begin in early 2008 and end by mid-2009. When the new creek reaches "J" Street, the Antelope Valley Project will have met its goal of eliminating the flooding threat to homes and businesses east of downtown and to 50 acres of land on the UNL campus.
- Grading work and initial improvements for the East Downtown Community Park will occur in conjunction with the Corps of Engineers channel work as it proceeds to the south.
- Work on the east leg of the "Big X" overpass near the Devaney Center begins in September. The east leg includes the final piece of the bridge and a new street angling northeast to 27th Street alongside State Fair Park. The 17th Street railroad crossing north of Holdrege Street closes in 2008. When the east leg and the new street are complete in three years, drivers will have a safer route to northeast Lincoln. Another bonus: when the railroad crossing closes in 2008, trains will be able to pass by the North Bottoms and Clinton neighborhoods without sounding their horns.
- The new bridges under construction now on "P" and "Q" streets will be open to traffic by late August. As the Corps of Engineers' work continues south in 2008, the area under the bridges will be excavated to create the new channel and park area without any disruption to traffic.
- Construction of the "O" Street bridge between 21st and 22nd streets also will begin in September. A temporary road similar to those in use today on "P" and "Q" streets will keep traffic moving.
- Upon completion, the Antelope Valley Project is estimated to cost \$238 million. More than 75 percent of that total will be complete or under contract by the end of 2007. Funding comes from various local, state and federal sources.



Watch for Antelope Andy, who provides traffic and safety information for the Antelope Valley Project.

TAKE A LOOK!

You are invited to "connect the dots" by taking a tour of the Antelope Valley Project improvements. Check out the schedule of free bike and bus tours, and make your reservation online at lincoln.ne.gov (keyword: antelope) or by calling 458-5999. All bus tours will begin with a presentation in the City Council Chambers at City Hall, 555 S. 10th Street (park in the garage north of City Hall). Bike tours will begin at the southeast corner of 19th and "N" streets and will not include a presentation. The presentation will be available on the Web site. Bike and bus tours will take about 90 minutes. This is a great opportunity to see the exciting changes under way and to ask questions about the project.

THURSDAY, JUNE 28

Bike and bus tours at 6:30 p.m.

SATURDAY, JUNE 30

Bike tour at 9 a.m.

Bus tours at 9 a.m. and 11 a.m.

CONNECTING TO A BRIGHT FUTURE

As the Antelope Valley Project progresses, the Lincoln community can begin to see what it means for new economic and neighborhood vitality in the central core.

- UNL is actively planning expanded public and private research facilities when the Antelope Valley corridor is no longer restricted by floodplain issues. UNL research brought in \$104 million in research grants last year, or the equivalent of 3,000 high-paying jobs. Additional research facilities are planned nearby, as well as redevelopment of the historic Whittier building.
- The west leg of the "Big X" overpass ultimately could carry traffic around the Haymarket to serve the proposed new arena, hotel, convention center and sports facilities envisioned for the west Haymarket area.
- New retail development along "P" and "Q" streets will link the Historic Haymarket directly to the Antelope Valley redevelopment area. The retail corridor will include the proposed high-rise Catalyst project at 14th and "Q" streets and a future civic plaza at 13th and "P" streets.
- New ideas for Trago Park at 22nd and "U" streets take root this summer when work begins on Lincoln's first "play and sprayground." The new water playground without fences will be open next year and is free to the public.
- The historic "triplet" houses, moved from 22nd and "P" streets, are under renovation in the North Bottoms neighborhood and soon will be ready for home ownership.

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UPDATE

1 Civic Plaza/Catalyst Project

The planned civic plaza park area and the Catalyst high-rise redevelopment project are centered on a new retail corridor on "P" and "Q" streets between the Haymarket and Antelope Valley.

2 "P" and "Q" Street Bridges

Temporary roads are keeping traffic flowing on these two streets until the bridges are finished later this summer. Construction on the "O" Street bridge will then begin.

3 Malone Neighborhood Housing

NeighborWorks® Lincoln is leading the development of several blocks in the Malone Neighborhood. The project is bounded by 23rd, 24th, "P" and "R" streets and will include housing and streetscape improvements.



Photo courtesy of Prange Aerial Photography

4 East Downtown Community Park

This project between "O" and "R" streets will extend the City's linear park system along Antelope Creek.



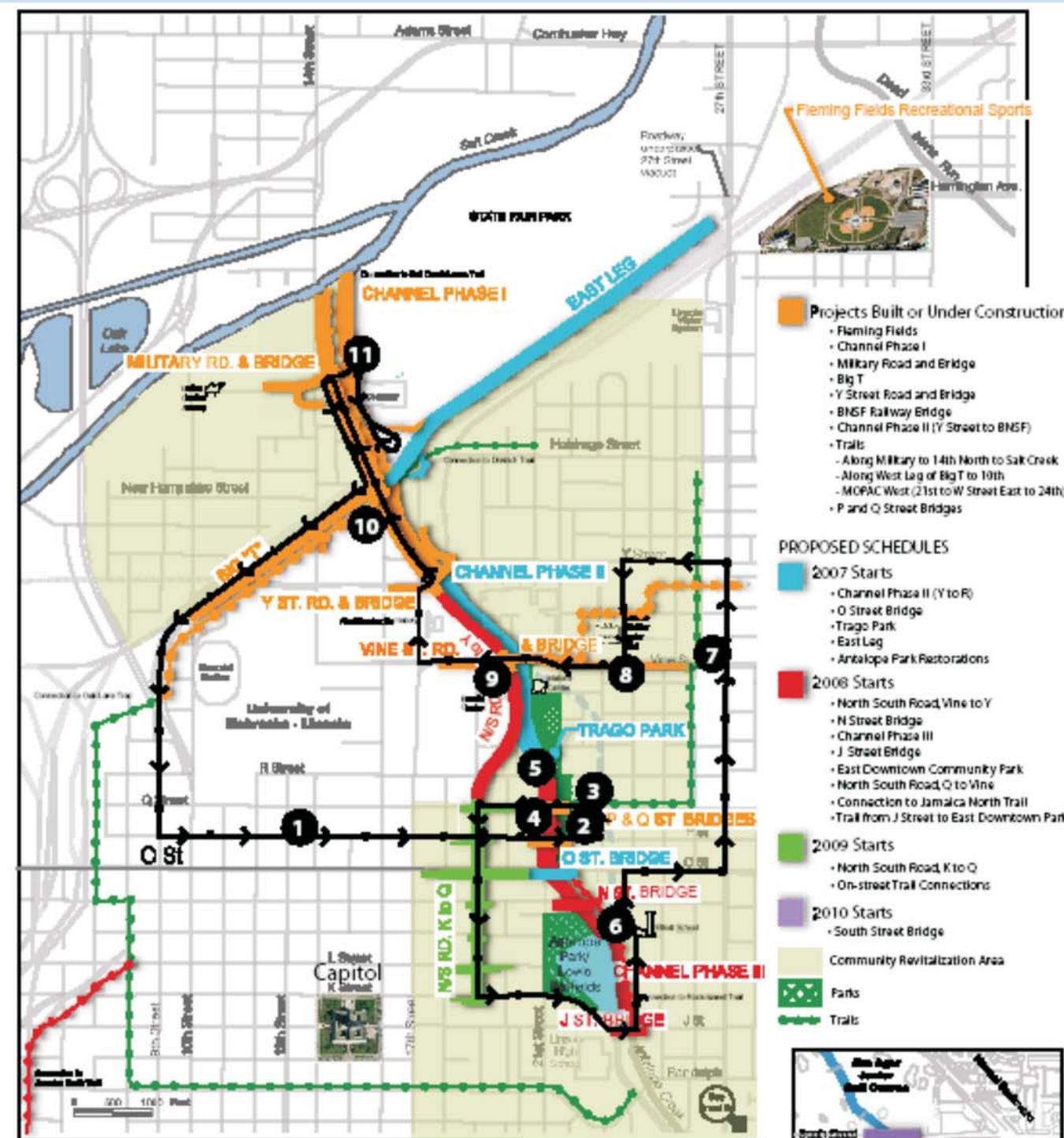
5 Antelope Creek Waterway

In the photo on the left, the street sign at 21st and "R" streets is surrounded by construction of the channel. The photo on the right shows channel construction from the "Y" Street bridge looking south to the Beadle Center. Work on the channel will proceed as far south as "S" Street by the end of the year.



6 Conduit

The south end of the under-sized, underground conduit for Antelope Creek is near 23rd and "N" streets.



Friday, May 11, 2007

Bus Tour Route

- 1 Civic Plaza/Catalyst Project
- 2 P and Q Street Bridges
- 3 Malone Housing
- 4 East Downtown Community Park
- 5 Antelope Creek Waterway
- 6 Conduit
- 7 North 27th Street Redevelopment Projects
- 8 Liberty Village
- 9 Research and Development Corridor
- 10 Antelope Valley Parkway/Salt Creek Roadway/Bridge
- 11 State Fair Park/Military Avenue

For more information or to comment on the Antelope Valley Project:
City Web site: lincoln.ne.gov (keyword: antelope)
Antelope Valley Hotline: 402-458-5999
E-mail: antelopevalley@oaconsulting.com



8

Liberty Village
The Lion Dance Troupe performed at the June 6th dedication of Liberty Village, bounded by 23rd, 24th, Vine and "U" streets. Officials from the U.S. Housing and Urban Development Department presented an award to the affordable housing development, which has attracted a culturally diverse group of residents. Liberty Village is the first Antelope Valley revitalization project to be completed.

9 Research and Development Corridor

The Beadle Center, below, and the historic Whittier building, right, are key to plans for the expansion of research at UNL. See page four for details.



10 Antelope Valley Parkway/Salt Creek Roadway/Bridge

Three legs of the Big "X" overpass near the Devaney Center are now open. The overpass spans the railroad tracks, which used to block pedestrians, bikers, motorists, emergency vehicles and business commerce for up to five hours a day. A new trail runs parallel to the waterway and crosses under project bridges.



Photo courtesy of Prange Aerial Photography

11 State Fair Park/Military Avenue

Stormwater flows in the completed channel during a storm May 6th. This photo was taken looking north from the Big "X" overpass toward the Military Avenue bridge leading into State Fair Park.

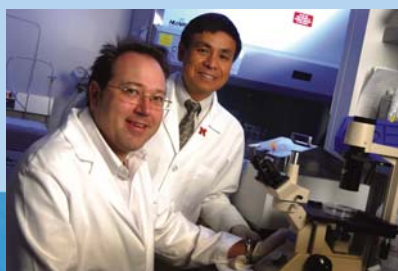




UNL scientists are conducting innovative plant research.



This crowded lab in the Beadle Center illustrates the critical space shortage that limits UNL's research capacity.



Virologists Peter Angeletti (left) and Charles Woods are two of the scientists studying major viral diseases including HIV and human papillomavirus at the Nebraska Center for Virology.

RESEARCH IS ECONOMIC ENGINE



UNL Beadle Center

The George W. Beadle Center for Genetics and Biomaterials Research, a 140,000-square foot, state-of-the-art research and teaching facility, opened in 1996. The center is home to some of University of Nebraska-Lincoln's most productive research centers and programs, including the Nebraska Center for Virology, the Redox Biology Center, the Center for Biotechnology and the Plant Sciences Initiative. It is named in honor of the Nebraska native, UNL graduate and Nobel Prize winner in medicine.

The Beadle Center is a prime example of why UNL is enthusiastic about developing the research and development corridor in the Antelope Valley Project: high-quality research space like the Beadle enables the university to attract and retain top faculty and conduct cutting-edge research. UNL's current research facilities generated \$104 million in external funds last year and serves as an economic driver for the City of Lincoln and the State of Nebraska. The Beadle Center is now filled beyond capacity. Developing the UNL research and development corridor would help address the critical space shortage and expand UNL's research capacity.

A few examples of the important research taking place in the Beadle Center include:

- Research on the evolution and transmission of HIV and its relationship to certain cancers. This research is making key contributions to development of an HIV vaccine.
- Studies of the life cycle of human papillomavirus, which causes cervical cancer and is the second leading cause of cancer deaths in women worldwide. This work has the potential to lead to more effective treatments.
- Plant genetics studies to develop crops that are more drought and cold tolerant.
- Development of soybeans that are rich in a specialized oil useful for making bio-diesel fuel.
- Research on the element selenium and selenium-containing proteins that is explaining their roles in cancer prevention and the aging process.
- Genetic enhancement of a variety of crops in the Plant Transformation Core Research Facility to instill improved or specialized characteristics.
- Discoveries of new clues to understanding how plants and humans fend off diseases and how invaders stifle immunity that could bring improved health for people and plants.
- Nutritional genomics research that could aid weight loss.
- Studies that are expanding understanding of RNA interference — a process that silences genes and holds promise in combating disease.



Whittier Building

The historic Whittier building at 21st and Vine opened in 1923. It has the distinction of being one of the first junior high school buildings in the nation. This proud old building has been under utilized for years, but will find new life as the gateway to the UNL research and development corridor. The corridor is envisioned to include facilities for UNL research and space for collaborative projects with private-sector companies and new startup businesses.

UNL plans to renovate Whittier as Phase I of the Nebraska Innovation Center, an area where faculty and students from different disciplines can work together on complex problems and collaborate with the private sector to create value from discoveries and perhaps spin off new companies. Initial tenants of Whittier will be the Nebraska Center for Energy Sciences Research and the Nebraska Transportation Center.

- The Nebraska Center for Energy Sciences Research was established in 2006 as a partnership between UNL and the Nebraska Public Power District. The center encourages collaboration on energy-related research among UNL faculty and with public and private energy-related organizations. The center supports promising research and educational programs exploring renewable energy sources, energy efficiency and conservation that expand economic opportunities and improve quality of life for Nebraska and the nation.
- The Nebraska Transportation Center (NTC) at UNL is a statewide center designed to better coordinate and fund transportation research and to strengthen Nebraska's economy and infrastructure. The NTC connects UNL's existing transportation research programs under one umbrella organization to enhance efforts and better serve the state. The center works with public administration and finance programs at the University of Nebraska at Omaha, safety education programs at the University of Nebraska at Kearney and health programs at the University of Nebraska Medical Center. The center also is developing partnerships with state and local governments, and Nebraska businesses to foster growth in transportation research.